

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Shigeo KIGO et al.

Group Art Unit : 2629

Appl. No. : 10/625,557

Examiner : Alexandria Eisen

Filed : July 24, 2003

Confirmation No. : 8098

For : DRIVING CIRCUIT AND DISPLAY DEVICE



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and supplemental to the previously filed Information Disclosure Statements, in the present application, Applicants hereby submit the following.

A copy of a Chinese Office Action (Japanese and English language translations) dated May 19, 2006, with respect to patent family member Chinese Patent Application No. 200410005507.2, in which the following documents were cited:

- (1) Japanese Laid-open Patent Publication No. HEI 11-85099;
- (2) "Circuit," Third Edition (January 31, 1998), together with an English language translation thereof; and
- (3) Japanese Laid-open Patent Publication No. HEI 10-301530, together with an English language Abstract of the same, and patent family

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member U.S. Patent No. 5,994,929 to SANO et al., which issued on November 30, 1999.

The relevance of the documents cited in the Chinese Office Action, as ascertained with respect to the Chinese claims by the Chinese Examiner, are set forth in the Chinese Office Action.

Applicants further submit the following documents:

- (4) European Patent Application Publication No. EP 0 948 243;
- (5) Japanese Laid-open Patent Publication No. HEI 2-029779, together with an English language abstract and translation thereof;
- (6) LAI, "Resonant Snubber-Based Soft-Switching Inverters for Electric Propulsion Drives," IEEE Transactions on Industrial Electronics, Vol. 44, No. 1, February 1997, pages 71-80;
- (7) U.S. Patent Application Publication No. 2004/0125096 to KIGO et al., which was published on July 1, 2004; and
- (8) U.S. Patent Application Publication No. 2004/0070577 to KIGO et al., which was published on July 1, 2004.

Applicants note that document (1), including an English language Abstract, was previously cited in an Information Disclosure Statement, and thus, a copy of document (1) is not provided herewith. Similarly the U.S. patent family member of document (3), U.S. Patent No. 5,994,929 was previously cited in an Information Disclosure Statement. Further, documents (7) and (8) were cited in the Information Disclosure Statement of March 8, 2004 as co-pending applications, that, together with the present application, are all divisional

applications of U.S. Application No. 09/868,660. Since these applications have now been published, the publications are cited herein to complete the record of the present application.

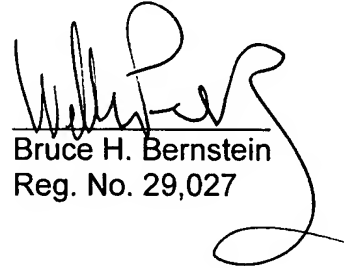
Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patents and patent application publications are not enclosed herewith. However, if any copy is needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cited the same. Copies of the above-noted foreign and international documents, except document (1), are attached hereto, and all of the documents are listed on an attached PTO-1449 Form. A copy of the Chinese Office Action (Japanese and English language translations) is also attached hereto. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

In accordance with the provisions of 37 C.F.R. 1.97(c)(d), Applicants hereby enclose a check including the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for the filing of an Information Disclosure Statement after first Office Action. The commissioner is hereby authorized to credit any overpayment or charge any additional fee to Deposit Account No. 19-0089.

Should the Examiner have any questions, the Examiner is requested to  
contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Shigeo KIGO et al.

A handwritten signature in black ink, appearing to read 'Bruce H. Bernstein', with a long, sweeping flourish extending from the end of the signature.

Bruce H. Bernstein  
Reg. No. 29,027

William Pieprz  
Reg. No. 33,630

August 22, 2006  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place]  
Reston, VA 20191  
(703) 716-11914

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23981Application No.  
10/625,557INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Shigeo KIGO et al.Filing Date  
July 24, 2003Group  
2629

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5 9 9 4 9 2 9	11/30/99	SANO et al.			
	2004	0 1 2 5 0 9 6	07/01/04	KIGO et al.			
	2004	0 0 7 0 5 7 7	07/01/04	KIGO et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	11	- 8 5 0 9 9	03/30/99	JAPAN			
	10	- 3 0 1 5 3 0	11/13/98	JAPAN			
		0 9 4 8 2 4 3	10/06/99	E.P.O			
	2	- 0 2 9 7 7 9	01/31/90	JAPAN			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	"Circuit," Third Edition (January 31, 1998), together with an English language translation thereof.
2	English language Abstract of JP 10-301530.
3	LAI, "Resonant Snubber-Based Soft-Switching Inverters for Electric Propulsion Drives," IEEE Transactions on Industrial Electronics, Vol. 44, No. 1, February 1997, pages 71-80.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.